

**GOVERNMENT OF PAKISTAN
PAKISTAN METEOROLOGICAL DEPARTMENT
FLOOD FORECASTING DIVISION
46-JAIL ROAD LAHORE-54000**

BULLETIN No. A-088/24

**Dated: 10th September, 2024
Time: 11:00 hours (PST)**

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| <ol style="list-style-type: none">1. President Secretariat, Islamabad.2. PM House, Islamabad.3. Federal Minister for Water Resources, Islamabad.4. Governor (All Provinces).5. Chairman NDMA, Islamabad.6. Chief Minister (All Provinces).7. PM Secretariat, Islamabad.8. Secretary, Aviation Division, Islamabad.9. Secretary, Ministry for Water Resources, Islamabad.10. Secretary, Ministry of Information, Islamabad.11. Secretary, Climate change, Islamabad.12. Chairman NHA, Islamabad.13. Chief Secretary (All Provinces). | <ol style="list-style-type: none">14. PDMA'S (DG's All Provinces & AJK).15. Chairman, Federal Flood Commission, Islamabad.16. Chairman, Indus River System Authority, Islamabad.17. Chairman, PCRWR, Islamabad.18. The Secretary General, Red Crescent, Islamabad.19. Secretary, Irrigation Department, (All Provinces).20. D.G. Engineers, Eng. Directorate GHQ, Rawalpindi.21. Pakistan Commissioner for Indus Waters (PCIW), Islamabad.22. Chief Engineer, Mangla/Tarbela/Chashma.23. Chief Engineer, Irrigation (All Provinces).24. Chief Engineer, (All Barrages).25. Chief Engineer, C.D.O. (Muzaffarabad).26. All other concerned. |
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SUBJECT: -RIVERS SITUATION AND QUALITATIVE FLOOD FORECAST:

I: HYDROLOGICAL SITUATION at 0600 PST:

River Indus at Kotri is in **Low** flood level & falling while all the other major rivers are flowing in their normal state.

II: METEOROLOGICAL FEATURES:

- a) Yesterday's trough of a weak westerly wave lies over the northwest Afghanistan and today lies over northeast Afghanistan.
- b) A strong pressure gradient lies over north Afghanistan and adjoining Pakistan which may decrease temperatures over northern areas of the country during next few days.
- c) Yesterday's deep depression over northwest Bay of Bengal has moved north-westwards and today lies over central Chhattisgarh as **Depression**.
- d) An anticyclonic circulation has developed over Punjab.
- e) Light moist currents from the Arabian Sea and Bay of Bengal are penetrating the upper part of the country.
- f) Marked Seasonal Low lies over northeast Balochistan.

III: WEATHER FORECAST FOR 24-HOURS:

Isolated thunderstorm rain of moderate intensity is expected over the upper catchments of all the major rivers and Islamabad along with Rawalpindi, Sargodha, Gujranwala, Lahore, DG Khan, Peshawar, Kohat, Bannu and DI Khan division.

IV: WEATHER OUTLOOK FOR NEXT 48-HOURS:

No significant change.

V: RIVERS CATCHMENTS RAINFALL RECORDED (MM) DURING LAST 24-HRS (UPTO 0800 PST):

Indus:	Ghalanai, Kalam & Khaar-Bajaur=01(each), Buner=Trace.
Jhelum:	-Nil-
Chenab:	-do-
Ravi:	-do-
Sutlej:	-do-
Others:	-do-

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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I: WEATHER/RAINFALL FORECAST FOR NEXT 24-HRS:

RIVERS	Upper Catchments (Above Rim Stations)	Lower Catchments (Below Rim Stations)	RESERVOIRS LEVEL (FEET) at (0600 PST)	
INDUS	Isolated thunderstorm rain	Isolated thunderstorm rain (Rawalpindi Division)	TARBELA	
JHELMUM	-do-	-do- (Sargodha Division)	Current:	1550.00
CHENAB	-do-	-do- (Gujranwala Division)	Max. Conservation:	1550.00
RAVI	-do-	-do- (Lahore Division)	Live Storage	100.00%
SUTLEJ	-do-	Mainly dry (Bahawalpur Division)	MANGLA	
			Current:	1228.30
			Max Conservation:	1242.00
			Live Storage	85.38%

II: QUANTITATIVE FLOOD FORECAST OF GAUGING STATIONS (IN THOUSANDS OF CUSECS)

RIVERS	Stations	Design Capacity	Actual Observations at 0600 PST		Quantitative Forecast for Next 24-hrs (Inflow)	Qualitative Forecasted Flood Level (Inflow)	Max Flood Peaks (In Thousands of Cusecs)	
			Inflow	Outflow			Historical	Flood Season 2024
INDUS	Tarbela	1500	115.0	126.3	110-115	Below Low	832.0 (2010)	350.0
	Kalabagh	950	136.9	131.0	No sig. change	-do-	950.0 (1942)	401.7
	Chashma	950	151.8	136.1	-do-	-do-	1038.9 (2010)	432.7
	Taunsa	1100	143.3	118.0	-do-	-do-	960.0 (2010)	442.2
	Guddu	1200	194.0	167.4	170-190	-do-	1199.7 (1976)	431.3
	Sukkur	1500	162.2	119.4	No sig. change	-do-	1166.6 (1986)	401.1
	Kotri	875	213.9	200.8	180-210	Low	980.3 (1956)	342.4
KABUL	Nowshera	-	28.8	28.8	No sig. change	Below Low	391.3 (1990)	114.2
JHELMUM	Mangla	1060	23.0	20.0	20-30	-do-	1090.0 (1992)	176.0
	Rasul	850	6.9	0.0	No sig. change	-do-	952.2 (1992)	67.8
CHENAB	Marala	1100	41.0	11.5	35-45	-do-	1100.0 (1957)	178.8
	Khanki	1100	18.7	11.2	No sig. change	-do-	1086.5 (1959)	177.1
	Qadirabad	807	15.0	0.0	-do-	-do-	948.5 (1992)	163.2
	Trimmu	645	36.6	26.3	-do-	-do-	944.0 (1928)	96.3
	Punjnad	700	58.3	45.7	-do-	-do-	802.5 (1973)	72.3
RAVI	Jassar	275	3.9	3.9	-do-	-do-	680.0 (1955)	40.4
	Shahdara	250	17.0	17.0	-do-	-do-	576.0 (1988)	28.0
	Balloki	225	40.5	13.9	-do-	-do-	389.8 (1988)	56.3
	Sidhnai	150	26.0	11.5	-do-	-do-	330.2 (1988)	33.8
SUTLEJ	G.S. Wala	--	1.0	1.0	-do-	-do-	837.0 (1955)	19.7
	Sulemanki	325	17.4	5.3	-do-	-do-	598.9 (1955)	46.2
	Islam	300	6.7	4.7	-do-	-do-	492.6 (1955)	12.5

Isolated= 20 to 30% of area Scattered= 30 to 50% of area | Widespread= 90 to 100% of area R= Rising, F= Falling

Note: Concerned Departments may contact FFD, Lahore for rectification up-dation (if any)

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(Shahid Abbas)
Chief Meteorologist
FFD Lahore

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BULLETIN No. C-088/24

Dated: 10th September, 2024
Time: 11:00 hours (PST)

SUBJECT: -WEEKLY SIGNIFICANT WEATHER OUTLOOK FOR RIVERS' CATCHMENTS' (11th- September, 2024 to 17th-September, 2024)

➤ **RAINFALL OUTLOOK:**

Scattered to widespread thunderstorm rain is expected over the upper catchments of river Sutlej and Beas from 12th September. However, no significant monsoon activity is expected over the upper catchments of other rivers.

➤ **FLOOD SITUATION IN MAJOR RIVERS:**

No significant flood situation is expected in any of the major rivers.

--sd/--
(Shahid Abbas)
Chief Meteorologist
FFD Lahore

Note: This forecast is updated on daily basis.